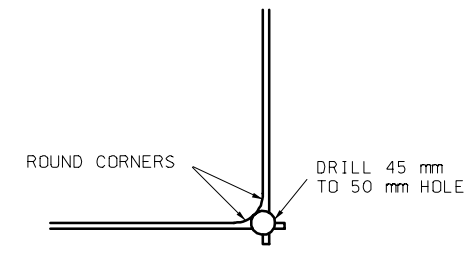
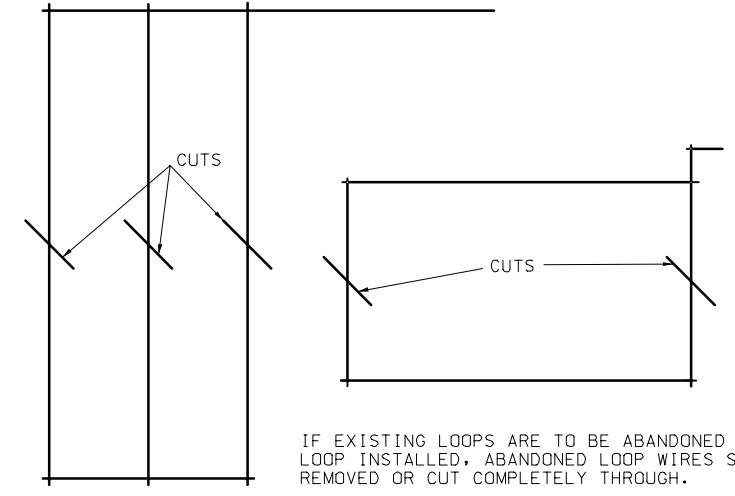


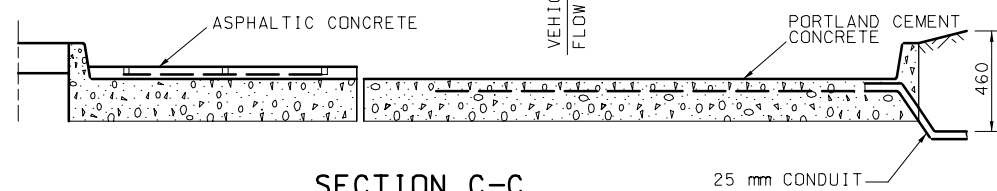
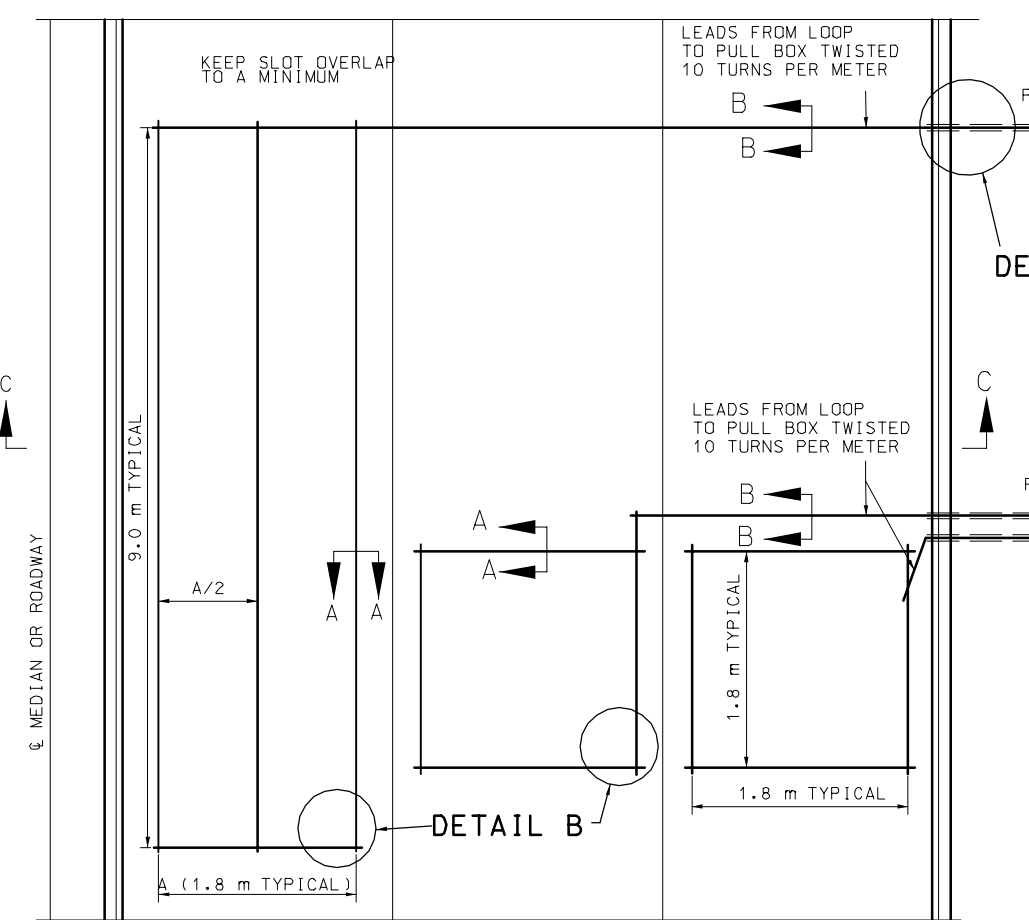
LOOP CONFIGURATION



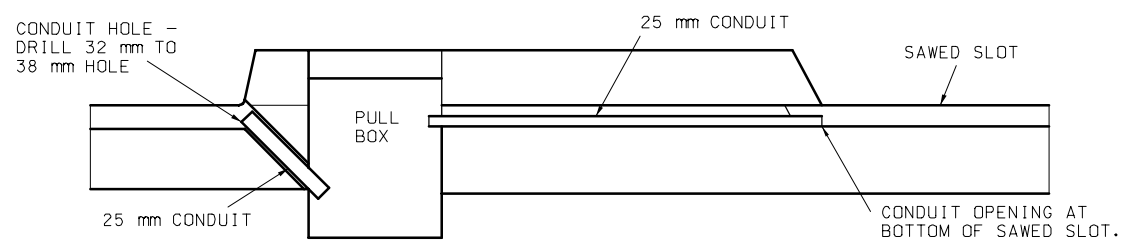
DETAIL B
TYPICAL LOOP CORNER DETAIL



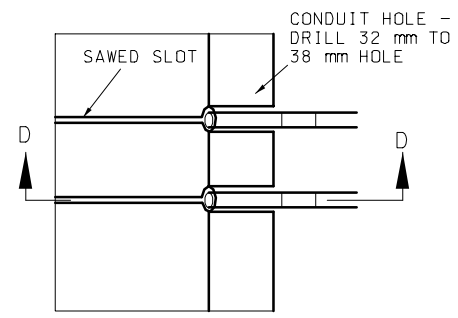
ABANDONED LOOPS



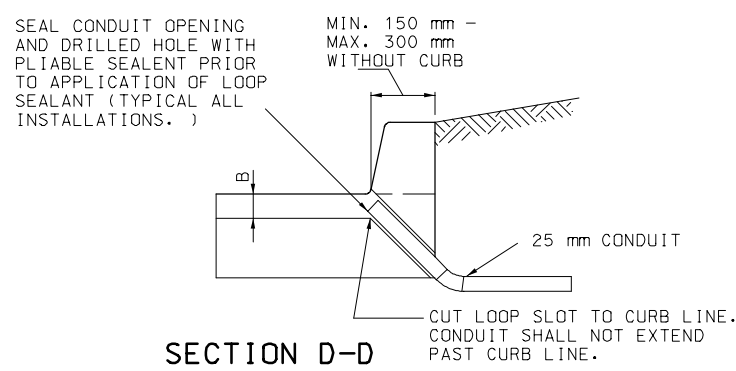
SECTION C-C
LOOP SLOT DETAIL



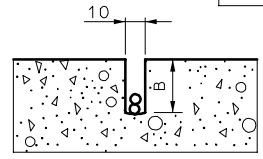
MEDIAN OR ISLAND DETAIL



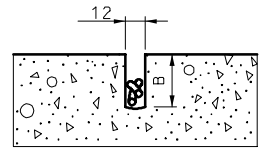
DETAIL A
CONDUIT SLOT DETAIL



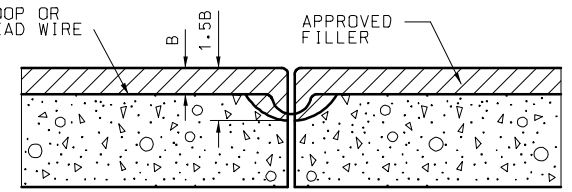
SECTION D-D



SECTION A-A
LOOP SLOT



SECTION B-B
LEAD SLOT



DETAIL OF AN "E" JOINT OR
OTHER FULL DEPTH JOINT CROSSING

CAUTION:
WIRE SHALL BE PLACED IN SAWED SLOT WITH DEVICE WHICH WILL NOT DAMAGE THE WIRE INSULATION.

- GENERAL NOTES:
- ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.
 - SENSOR UNIT SHALL BE HOUSED IN CONTROLLER CABINET UNLESS SPECIFIED OTHERWISE.
 - LOOPS TO BE INSTALLED, WHEN EXISTING PORTLAND CEMENT CONCRETE OR ASPHALTIC CONCRETE PAVEMENT IS BEING RESURFACED, LOOPS SHALL BE PLACED IN "C" COURSE OF THE ASPHALTIC CONCRETE.
 - THE CONDUIT SLOT MAY BE POWER OR MANUALLY CONSTRUCTED. ANY FORMING NEEDED TO SECURE CONDUIT IN SLOT SHALL BE REMOVED.
 - A SEPARATE CONDUIT SHALL BE INSTALLED BETWEEN THE SAWED LOOP SLOT AND THE FIRST PULL BOX FOR EACH LOOP. THE CONDUIT OPENING AT THE END OF THE LEAD-IN SLOT SHALL BE AT THE BOTTOM OF THE SAWED SLOT.
 - AFTER CABLE INSTALLATION, THE CONDUIT OPENING AT THE LOOP LEAD ENTRANCE SHALL BE SEALED.
 - AVOID "E" JOINTS OR OTHER FULL DEPTH JOINTS. MINOR ADJUSTMENTS TO LOOP LOCATION MAY BE MADE.
 - USE TYPICAL DIMENSIONS UNLESS OTHERWISE SHOWN ON PLANS.

| NO. OF CONDUCTORS IN SLOT | B (mm) |
|---------------------------|--------|
| ≤4 | 50 |
| 5 | 62 |
| 6 | 62 |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

TRAFFIC SIGNALS
INDUCTION LOOP
DETECTORS

DATE: EFFECTIVE: 07-01-2004 M902.50K 1/1